

Form PTO-1449 (modified)	Application No.: 09/829,724
LIST OF PRIOR ART CITED BY APPLICANT	Filing Date: April 10, 2001
3 rd INFORMATION DISCLOSURE STATEMENT	First Named Inventor: John E. Jones
	Group Art Unit: 2876
	Examiner: April A. Nowlin
	Attorney Docket No.: 47171-00283

U.S. PATENT DOCUMENTS

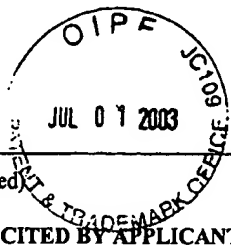
Examiner Initial	Ref.	Document Number	Date	Name	Class	Sub-Class	Filing Date (if Application)
<i>AT</i>	A1	US2001/0019624A1	09/06/01	Rateman et al.	382	135	
	A2	US2002/0001393A1	01/03/02	Jones et al.	382	100	
	A3	US2002/0020603A1	02/21/02	Jones et al.	194	346	
	A4	US2002/0056605A1	05/16/02	Mazur et al.	194	207	
	A5	US2002/0085245A1	07/04/02	Mennie et al.	358	498	
	A6	US2002/0103757A1	08/01/02	Jones et al.	705	45	
	A7	US2002/0104785A1	08/08/02	Klein et al.	209	534	
	A8	US2002/0107801A1	08/08/02	Jones et al.	705	45	
	A9	US2002/0118871A1	08/29/02	Jones et al.	382	137	
	A10	US2002/0122580A1	09/05/02	Jones et al.	382	137	
	A11	US2002/0126885A1	09/12/02	Mennie et al.	382	135	
	A12	US2002/0126886A1	09/12/02	Jones et al.	382	135	
	A13	US2002/0131630A1	09/19/02	Jones et al.	382	137	
	A14	US2002/0136442A1	09/26/02	Jones et al.	382	135	
	A15	US2002/0145035A1	10/10/02	Jones	235	379	
	A16	US2002/0154804A1	10/24/02	Jones et al.	382	135	
	A17	US2002/0154805A1	10/24/02	Jones et al.	382	135	
	A18	US2002/0154806A1	10/24/02	Jones et al.	382	135	
	A19	US2002/0154807A1	10/24/02	Jones et al.	382	135	
	A20	US2002/0154808A1	10/24/02	Jones et al.	382	135	
	A21	US2002/0186876A1	12/12/02	Jones et al.	382	135	
	A22	Des. 369,984	05/1996	Larsen	D10	97	
	A23	Des. 427,623	07/2000	Kuwada et al.	D18	3	
	A24	Re. 31,692	10/1984	Tyburski et al.	382	7	
	A25	446,303	02/1891	Thompson	---	---	
<i>AT</i>	A26	2,669,998	02/1954	Buchholz	133	8	

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<i>AT</i>	A27	2,750,949	06/1956	Kulo et al.	133	8	
	A28	2,835,260	05/1958	Buchholz	133	8	
	A29	2,936,684	05/1960	Simjian	95	1.1	
	A30	3,104,314	09/1963	Simjian	235	61.9	
	A31	3,148,932	09/1964	Simjian	346	22	
	A32	3,150,912	09/1964	Simjian	346	22	
	A33	3,246,295	04/1966	DeClaris et al.	382	56	
	A34	3,280,974	10/1966	Riddle et al.	209	111.8	
	A35	3,443,107	05/1969	Modglin	250	219	
	A36	3,480,785	11/1969	Aufderheide	250	219	
	A37	3,496,370	02/1970	Haville et al.	250	219	
	A38	3,509,535	04/1970	Berube	340	149	
	A39	3,612,835	10/1971	Andrews et al.	235	61.11D	
	A40	3,618,765	11/1971	Syoasel et al.	209	122	
	A41	3,656,615	04/1972	Ptacek	209	73	
	A42	3,679,314	07/1972	Mustert	356	71	
	A43	3,715,031	02/1973	Okkonen	209	75	
	A44	3,725,667	04/1973	Schwartz	250	219 DQ	
	A45	3,764,899	10/1973	Peterson	324	61.R	
	A46	3,778,628	12/1973	Novak et al.	250	556	
	A47	3,782,543	01/1974	Martelli et al.	209	75	
	A48	3,798,603	03/1974	Wahlberg	340	149	
	A49	3,800,078	03/1974	Cochran et al.	178	7.1	
	A50	3,806,710	04/1974	Shigemori et al.	235	92	
<i>AT</i>	A51	3,815,021	06/1974	Keir	324	61.R	

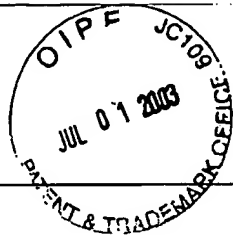
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A1	A52	3,842,281	10/1974	Goodrich	250	461	
	A53	3,870,629	03/1975	Carter et al.	209	111.8	
	A54	3,906,449	09/1975	Marchak	340	149R	
	A55	3,930,582	01/1976	Gartner et al.	209	88	
	A56	3,976,198	08/1976	Carnes, Jr., et al.	209	111.7T	
	A57	3,966,047	06/1976	Steiner	209	75	
	A58	4,023,011	05/1977	Nakajima et al.	235	61.11R	
	A59	4,041,456	08/1977	Ott et al.	382	135	
	A60	4,096,991	06/1978	Iguchi	235	419	
	A61	4,109,238	08/1978	Creekmore	340	149	
	A62	4,114,804	09/1978	Jones et al.	235	476	
	A63	4,147,430	04/1979	Gorgone et al.	356	51	
	A64	4,166,945	09/1979	Inoyama et al.	235	379	
	A65	4,179,685	12/1979	O'Maley	340	146.3H	
	A66	4,187,463	02/1980	Kivenson	324	228	
	A67	4,205,780	06/1980	Burns et al.	235	454	
	A68	4,231,014	10/1980	Ponzio	340	146.3Y	
	A69	4,237,378	12/1980	Jones	250	223R	
	A70	4,250,806	02/1981	Boyson et al.	101	2	
	A71	4,255,651	03/1981	Phillips	235	92	
	A72	4,264,808	04/1981	Owens et al.	235	379	
	A73	4,275,874	06/1981	DiBlasio	271	4	
	A74	4,277,774	07/1981	Fujii et al.	340	146.3	
	A75	4,283,708	08/1981	Lee	340	146.3Z	

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AJ	A76	4,288,781	09/1981	Sellner et al.	340	146.30	
	A77	4,302,781	11/1981	Ikeda et al.	358	486	
	A78	4,310,885	01/1982	Azcua et al.	364	405	
	A79	4,311,914	01/1982	Huber	250	556	
	A80	4,313,598	02/1982	DiBlasio	271	124	
	A81	4,334,619	06/1982	Horino et al.	209	551	
	A82	4,337,864	07/1982	McLean	209	534	
	A83	4,348,656	09/1982	Gorgone et al.	340	146.3R	
	A84	4,349,111	09/1982	Shah et al.	209	534	
	A85	4,352,988	10/1982	Ishida	250	559	
	A86	4,355,300	10/1982	Weber	340	146.3C	
	A87	4,355,369	10/1982	Garvin	364	900	
	A88	4,356,473	10/1982	Freudenthal	340	146.3H	
	A89	4,360,034	11/1982	Davila et al.	133	3	
	A90	4,381,447	04/1983	Horvath et al.	250	223	
	A91	4,383,540	05/1983	DeMeyer et al.	133	3H	
	A92	4,386,432	05/1983	Nakamura et al.	382	7	
	A93	4,396,902	08/1983	Warthan et al.	382	64	
	A94	4,416,299	11/1983	Bergman	133	1 R	
	A95	4,420,153	12/1983	Winkler et al.	271	304	
	A96	4,441,205	04/1984	Berkin et al.	382	8	
	A97	4,442,541	04/1984	Finkel et al.	382	7	
	A98	4,449,240	05/1984	Yoshida	382	15	
AJ	A99	4,461,028	07/1984	Okubo	382	15	

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A1	A100	4,464,786	08/1984	Nishito et al.	382	7	
	A101	4,464,787	08/1984	Fish et al.	382	7	
	A102	4,480,177	10/1984	Allen	235	379	
	A103	4,487,306	12/1984	Nao et al.	194	4	
	A104	4,490,846	12/1984	Ishida et al.	382	7	
	A105	4,513,439	04/1985	Gorgone et al.	382	7	
	A106	4,530,067	07/1985	Dorr	364	900	
	A107	4,538,719	09/1985	Gray et al.	194	100 A	
	A108	4,539,702	09/1985	Oka	382	7	
	A109	4,542,829	09/1985	Emery et al.	209	534	
	A110	4,543,969	10/1985	Rasmussen	133	3	
	A111	4,544,266	10/1985	Antes	356	71	
	A112	4,547,896	10/1985	Ohtombe et al.	382	7	
	A113	4,553,222	11/1985	Kurland et al.	364	900	
	A114	4,553,846	11/1985	Hilton et al.	356	429	
	A115	4,556,140	12/1985	Okada	194	4	
	A116	4,558,224	12/1985	Gober	250	460.1	
	A117	4,559,451	12/1985	Curl	250	560	
	A118	4,563,771	01/1986	Gorgone et al.	382	7	
	A119	4,567,370	01/1986	Falls	250	461.1	
	A120	4,569,421	02/1986	Sandstedt	186	39	
	A121	4,582,172	04/1986	Takeuchi et al.	186	38	
	A122	4,584,529	04/1986	Aoyama	324	261	
A1	A123	4,587,412	05/1986	Apisdorf	235	449	

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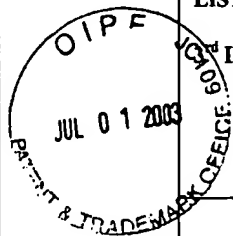
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<i>AT</i>	A124	4,587,434	05/1986	Roes et al.	250	556	
	A125	4,590,606	05/1986	Rohrer	382	7	
	A126	4,592,090	05/1986	Curl et al.	382	7	
	A127	4,593,184	06/1986	Bryce	2235	449	
	A128	4,594,644	06/1986	Hashimoto	364	405	
	A129	4,602,332	07/1986	Hirose et al.	364	408	
	A130	4,605,926	08/1986	Onishi et al.	340	825.3	
	A131	4,611,345	09/1986	Ohnishi et al.	382	7	
	A132	4,617,458	10/1986	Bryce	235	449	
	A133	4,628,194	12/1986	Dobbins et al.	235	379	
	A134	4,645,936	02/1987	Gorgone	250	556	
	A135	4,653,647	03/1987	Hashimoto	209	534	
	A136	4,658,289	04/1987	Nagano et al.	358	75	
	A137	4,676,343	06/1987	Humble et al.	186	61	
	A138	4,677,682	06/1987	Miyagawa et al.	382	7	
	A139	4,678,072	07/1987	Kobayashi et al.	194	206	
	A140	4,685,141	08/1987	Hoque et al.	382	7	
	A141	4,686,357	08/1987	Douno et al.	235	379	
	A142	4,694,963	09/1987	Takesako	209	534	
	A143	4,697,071	09/1987	Hiraoka et al.	235	379	
	A144	4,700,368	10/1987	Munn et al.	377	8	
	A145	4,716,456	12/1987	Hosaka	358	75	
	A146	4,733,308	03/1988	Nakamura et al.	358	496	
	A147	4,735,289	04/1988	Kenyon	186	37	
<i>AT</i>	A148	4,743,743	05/1988	Fukatsu	235	379	

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<i>AT</i>	A149	4,743,974	05/1988	Lockwood	358	285	
	A150	4,748,679	05/1988	Gold et al.	382	61	
	A151	4,749,087	06/1988	Buttifiant	209	534	
	A152	4,753,625	06/1988	Okada	453	32	
	A153	4,764,725	08/1988	Bryce	324	234	
	A154	4,764,976	08/1988	Kallin et al.	382	65	
	A155	4,782,328	11/1988	Denlinger	340	365	
	A156	4,784,274	11/1988	Mori et al.	209	534	
	A157	4,803,347	02/1989	Sugahara et al.	235	379	
	A158	4,806,709	02/1989	Evans	178	19	
	A159	4,811,004	03/1989	Person et al.	340	712	
	A160	4,817,176	03/1989	Marshall et al.	382	43	
	A161	4,821,332	04/1989	Durham	382	7	
	A162	4,823,393	04/1989	Kawakami	382	7	
	A163	4,825,246	04/1989	Fukuchi et al.	355	4	
	A164	4,827,531	05/1989	Milford	382	7	
	A165	4,837,842	06/1989	Holt	382	26	
	A166	4,841,358	06/1989	Kammoto et al.	358	75	
	A167	4,851,616	07/1989	Wales et al.	178	18	
	A168	4,877,230	10/1989	Winkler et al.	271	3	
	A169	4,880,096	11/1989	Kobayashi et al.	194	206	
	A170	4,881,268	11/1989	Uchida et al.	382	7	
	A171	4,883,181	11/1989	Yoshikawa	209	534	
<i>AT</i>	A172	4,888,812	12/1989	Dinan et al.	382	7	

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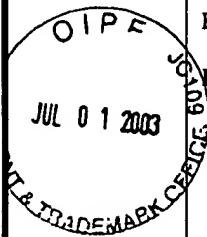
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A1	A173	4,903,953	02/1990	Winkler et al.	271	4	
	A174	4,905,839	03/1990	Yuge et al.	209	534	
	A175	4,905,840	03/1990	Yuge et al.	209	534	
	A176	4,908,516	03/1990	West	250	556	
	A177	4,922,109	05/1990	Bercovitz et al.	194	207	
	A178	4,928,094	05/1990	Smith	340	712	
	A179	4,931,782	06/1990	Jackson	340	706	
	A180	4,947,441	08/1990	Hara et al.	382	7	
	A181	4,954,697	09/1990	Kokubun et al.	235	381	
	A182	4,970,655	11/1990	Winn et al.	364	479	
	A183	4,973,851	11/1990	Lee	250	556	
	A184	4,980,543	12/1990	Hara et al.	209	534	
	A185	4,992,860	02/1991	Hamaguchi et al.	358	75	
	A186	4,996,604	02/1991	Oqawa et al.	358	486	
	A187	5,023,782	06/1991	Lutz et al.	364	405	
	A188	5,027,415	06/1991	Hara et al.	382	7	
	A189	5,047,871	09/1991	Meyer et al.	358	486	
	A190	5,054,621	10/1991	Murphy et al.	209	534	
	A191	5,055,834	10/1991	Chiba	340	825	
	A192	5,063,599	11/1991	Concannon et al.	382	7	
	A193	5,068,519	11/1991	Bryce	235	449	
	A194	5,076,441	12/1991	Gertier	209	534	
	A195	5,091,961	02/1992	Baus, Jr.	382	7	
A1	A196	5,105,601	04/1992	Horiguchi et al.	53	465	

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<i>AT</i>	A197	5,114,381	05/1992	Ueda et al.	453	57	
	A198	5,122,754	06/1992	Gotaas	324	676	
	A199	5,134,663	07/1992	Kozlowski	382	7	
	A200	5,144,115	09/1992	Yoshida	235	379	
	A201	5,146,512	09/1992	Weideman et al.	382	30	
	A202	5,151,607	09/1992	Crane	250	556	
	A203	5,154,272	10/1992	Nishiumi et al.	194	318	
	A204	5,159,548	10/1992	Caslavka	364	408	
	A205	5,163,672	11/1992	Mennie	271	187	
	A206	5,163,868	11/1992	Adams et al.	453	11	
	A207	5,167,313	12/1992	Dobbins et al.	194	317	
	A208	5,183,142	02/1993	Katchinian et al.	194	206	
	A209	5,184,115	02/1993	Black et al.	340	708	
	A210	5,184,709	02/1993	Nishiumi et al.	194	318	
	A211	5,186,334	02/1993	Fukudome et al.	209	534	
	A212	5,187,750	02/1993	Behera	382	7	
	A213	5,193,121	03/1993	Elischer et al.	382	7	
	A214	5,198,976	03/1993	Form et al.	364	410	
	A215	5,199,543	04/1993	Kamagami et al.	194	207	
	A216	5,201,395	04/1993	Takizawa et al.	194	206	
	A217	5,207,788	05/1993	Geib et al.	271	122	
	A218	5,231,381	07/1993	Duwaer	340	712	
	A219	5,237,158	08/1993	Kern et al.	235	379	
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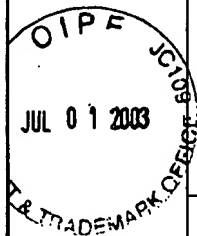
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*Examiner: Initial if citations considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



Form PTO-1449 (modified)	Application No.: 09/829,724
LIST OF PRIOR ART CITED BY APPLICANT	Filing Date: April 10, 2001
3 rd INFORMATION DISCLOSURE STATEMENT	First Named Inventor: John E. Jones
	Group Art Unit: 2876
	Examiner: April A. Nowlin
	Attorney Docket No.: 47171-00283

U.S. PATENT DOCUMENTS

Examiner Initial	Ref.	Document Number	Date	Name	Class	Sub-Class	Filing Date (if Application)
AJ	A221	5,251,738	10/1993	Dabrowski	194	206	
	A222	5,261,518	11/1993	Bryce	194	206	
	A223	5,265,008	11/1993	Benton et al.	364	408	
	A224	5,279,403	01/1994	Harbaugh et al.	194	207	
	A225	5,286,954	02/1994	Sato et al.	235	379	
	A226	5,295,196	03/1994	Rateman et al.	382	135	
	A227	5,297,030	03/1994	Vassigh et al.	364	405	
	A228	5,299,977	04/1994	Mazur et al.	453	10	
	A229	5,304,813	04/1994	DeMan	250	556	
	A230	5,308,992	05/1994	Crane et al.	250	556	
	A231	5,309,515	05/1994	Troung et al.	382	7	
	A232	5,317,140	05/1994	Dunthorn	250	221	
	A233	5,321,238	06/1994	Kamata et al.	235	379	
	A234	5,335,292	08/1994	Lovelady et al.	382	17	
	A235	5,341,408	08/1994	Melcher et al.	377	8	
	A236	5,342,165	08/1994	Graef et al.	414	788.9	
	A237	5,363,949	11/1994	Matsubayashi	194	206	
	A238	5,367,577	11/1994	Gotaas	382	7	
	A239	5,368,147	11/1994	Menke et al.	194	206	
	A240	5,371,345	12/1994	LeStrange et al.	235	380	
	A241	5,379,344	01/1995	Larson et al.	380	23	
	A242	5,381,019	01/1995	Sato	250	556	
	A243	5,394,969	03/1995	Harbaugh	194	206	
	AJ	A244	5,399,874	03/1995	Gonsalves et al.	250	

EXAMINER <i>April Taylor</i>	DATE CONSIDERED <i>5/14/04</i>
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Examiner: April A. Nowlin

Attorney Docket No.: 47171-00283

U.S. PATENT DOCUMENTS

Examiner Initial	Ref.	Document Number	Date	Name	Class	Sub-Class	Filing Date (if Application)
<i>AT</i>	A245	5,402,895	04/1995	Mikkelsen et al.	209	534	
	A246	5,417,316	05/1995	Harbaugh	194	206	
	A247	5,418,458	05/1995	Jeffers	324	235	
	A248	5,419,424	05/1995	Harbaugh	194	206	
	A249	5,421,443	06/1995	Hatamachie et al.	914	206	
	A250	5,430,664	07/1995	Cargill et al.	364	550	
	A251	5,434,427	07/1995	Crane et al.	250	556	
	A252	5,437,357	08/1995	Ota et al.	194	206	
	A253	5,438,184	08/1995	Roberts et al.	235	380	
	A254	5,444,793	08/1995	Kelland	382	138	
	A255	5,459,304	10/1995	Eisenmann	235	380	
	A256	5,465,301	11/1995	Jotcham et al.	380	54	
	A257	5,465,821	11/1995	Akioka	194	207	
	A258	5,467,405	11/1995	Rateman et al.	382	135	
	A259	5,467,406	11/1995	Graves et al.	382	135	
	A260	5,468,941	11/1995	Sasaki	235	379	
	A261	5,476,169	12/1995	Takarada et al.	194	207	
	A262	5,481,377	01/1996	Udagawa et al.	358	501	
	A263	5,506,691	04/1996	Bednar et al.	358	402	
	A264	5,523,575	06/1996	Machida et al.	250	208.1	
	A265	5,530,772	06/1996	Storey	382	135	
	A266	5,537,486	07/1996	Stratigos et al.	382	137	
	A267	5,545,885	08/1996	Jagielinski	235	449	
<i>AT</i>	A268	5,564,546	10/1996	Molbak et al.	194	216	

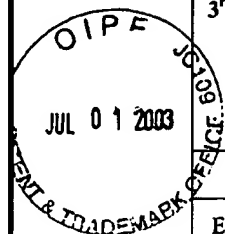
EXAMINER

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3rd INFORMATION DISCLOSURE STATEMENT

First Named Inventor: John E. Jones

Group Art Unit: 2876

Examiner: April A. Nowlin

Attorney Docket No.: 47171-00283

U.S. PATENT DOCUMENTS

Examiner Initial	Ref.	Document Number	Date	Name	Class	Sub-Class	Filing Date (if Application)
<i>A1</i>	A269	5,586,036	12/1996	Pintsov	364	464	
	A270	5,600,732	02/1997	Ott et al.	382	112	
	A271	5,602,933	02/1997	Blackwell et al.	382	116	
	A272	5,602,936	02/1997	Green et al.	382	140	
	A273	5,615,280	03/1997	Izawa et al.	382	135	
	A274	5,620,079	04/1997	Molbak	194	217	
	A275	5,633,949	05/1997	Graves et al.	382	135	
	A276	5,640,463	06/1997	Csulits	382	135	
	A277	5,652,802	07/1997	Graves et al.	382	135	
	A278	5,657,846	08/1997	Schwartz	194	206	
	A279	5,678,046	10/1997	Cahill et al.	395	616	
	A280	5,687,963	11/1997	Mennie	271	119	
	A281	5,692,067	11/1997	Rateman et al.	382	135	
	A282	5,704,491	01/1998	Graves	209	534	
	A283	5,719,948	02/1998	Liang	382	112	
	A284	5,724,438	03/1998	Graves	382	135	
	A285	5,727,667	03/1998	Nye	194	207	
	A286	5,751,840	05/1998	Rateman et al.	382	135	
	A287	5,751,842	05/1998	Riach et al.	382	137	
	A288	5,754,673	05/1998	Brooks et al.	382	112	
	A289	5,761,089	06/1998	McInerny	364	550	
	A290	5,781,654	07/1998	Carney	382	137	
	A291	5,790,693	08/1998	Graves et al.	382	135	
	A292	5,790,697	08/1998	Munro et al.	382	135	
	A293	5,799,767	09/1998	Molbak	194	217	
<i>A1</i>	A294	5,806,650	09/1998	Mennie et al.	194	206	

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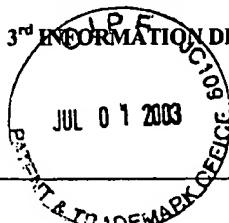
DATE CONSIDERED

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Form PTO-1449 (modified) LIST OF PRIOR ART CITED BY APPLICANT 3rd INFORMATION DISCLOSURE STATEMENT				Application No.: 09/829,724 Filing Date: April 10, 2001 First Named Inventor: John E. Jones Group Art Unit: 2876 Examiner: April A. Nowlin Attorney Docket No.: 47171-00283			
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U.S. PATENT DOCUMENTS							
Examiner Initial	Ref.	Document Number	Date	Name	Class	Sub-Class	Filing Date (if Application)
A1	A295	5,815,592	09/1998	Mennie et al.	382	135	I
A1	A296	5,822,448	10/1998	Graves et al.	382	135	
A1	A297	5,830,054	11/1998	Petri	453	5	
A1	A298	5,832,104	11/1998	Graves et al.	382	135	
	A299	5,832,463	11/1998	Funk	705	35	
A1	A300	5,852,811	12/1998	Atkins	705	36	
	A301	5,867,589	02/1999	Graves et al.	382	135	I
	A302	5,870,487	02/1999	Graves et al.	382	135	
	A303	5,875,259	02/1999	Mennie et al.	382	135	
	A304	5,905,810	05/1999	Jones et al.	382	135	
	A305	5,909,502	06/1999	Mazur	382	135	
	A306	5,909,503	06/1999	Graves et al.	382	135	
	A307	5,912,982	06/1999	Munro et al.	382	135	
	A308	5,918,748	07/1999	Clark et al.	209	534	
	A309	5,926,550	07/1999	Davis	380	25	
	A310	5,938,044	08/1999	Weggesser	209	534	
A1	A311	5,940,623	08/1999	Watts et al.	395	712	
	A312	5,940,844	08/1999	Cahill et al.	707	526	
A1	A313	5,943,655	08/1999	Jacobsen	705	30	
	A314	5,960,103	09/1999	Graves et al.	382	135	I
	A315	5,966,456	10/1999	Jones et al.	382	135	
	A316	5,982,918	11/1999	Mennie et al.	382	135	
	A317	5,992,601	11/1999	Mennie et al.	194	207	
	A318	6,012,565	01/2000	Mazur	194	207	
	A319	6,021,883	02/2000	Casanova et al.	194	217	
A1	A320	6,023,684	02/2000	Pearson	705	35	

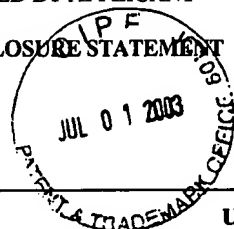
EXAMINER <i>April Taylor</i>	DATE CONSIDERED <i>5/14/02</i>
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Form PTO-1449 (modified) LIST OF PRIOR ART CITED BY APPLICANT 3rd INFORMATION DISCLOSURE STATEMENT				Application No.: 09/829,724 Filing Date: April 10, 2001 First Named Inventor: John E. Jones Group Art Unit: 2876 Examiner: April A. Nowlin Attorney Docket No.: 47171-00283			
<div style="border: 1px solid black; border-radius: 50%; padding: 10px; display: inline-block;"> O I P E JUL 01 2003 U.S. PATENT OFFICE </div>							
U.S. PATENT DOCUMENTS							
Examiner Initial	Ref.	Document Number	Date	Name	Class	Sub-Class	Filing Date (if Application)
AT	A321	6,026,175	02/2000	Rateman et al.	382	135	_____
AT	A322	6,028,951	02/2000	Rateman et al.	382	135	_____
	A323	6,038,533	03/2000	Hyde, Jr.	705	45	_____
AT	A324	6,039,645	03/2000	Mazur	453	10	_____
	A325	6,068,194	05/2000	Mazur	235	492	_____
	A326	6,072,896	06/2000	Graves et al.	382	135	_____
	A327	6,073,744	06/2000	Rateman et al.	194	207	_____
	A328	6,074,334	06/2000	Mennie et al.	493	438	_____
	A329	6,128,402	10/2000	Jones et al.	382	135	_____
	A330	6,220,419	04/2001	Mennie	194	207	_____
	A331	6,237,739	05/2001	Mazur et al.	194	207	_____
	A332	6,241,069	06/2001	Mazur et al.	194	207	_____
	A333	6,256,407	07/2001	Mennie et al.	382	135	_____
AT	A334	6,278,795	08/2001	Anderson et al.	382	135	_____
	A335	6,283,366	09/2001	Hills et al.	235	379	_____
AT	A336	6,311,819	11/2001	Stromme et al.	194	207	_____
AT	A337	6,318,537	11/2001	Jones et al.	914	346	_____
AT	A338	6,351,551	02/2002	Munro et al.	382	135	_____
	A339	6,354,491	03/2002	Nichols et al.	235	379	_____
AT	A340	6,363,164	03/2002	Jones et al.	382	135	_____
	A341	6,371,303	04/2002	Klein et al.	209	534	_____
	A342	6,378,683	04/2002	Mennie	194	207	_____
	A343	6,381,354	04/2002	Mennie et al.	382	135	_____
	A344	6,398,000	06/2002	Jenrick et al.	194	200	_____
	A345	6,459,806	10/2002	Rateman et al.	382	135	_____
AT	A346	6,460,705	10/2002	Hallowell	209	534	_____
EXAMINER <i>April Taylor</i>				DATE CONSIDERED <i>6/14/04</i>			

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Form PTO-1449 (modified)	Application No.: 09/829,724
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	Examiner: April A. Nowlin
	Attorney Docket No.: 47171-00283



U.S. PATENT DOCUMENTS

Examiner Initial	Ref.	Document Number	Date	Name	Class	Sub-Class	Filing Date (if Application)
	A347	6,473,319	10/2002	Pidhiny et al.	382	140	

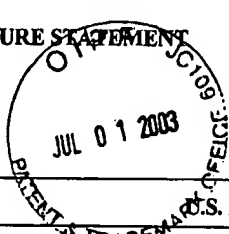
FOREIGN PATENT DOCUMENTS

Examiner Initial	Ref.	Document Number	Date	Country	Class	Sub-Class	Translation Yes/No
<i>AT</i>	B1	EP 0 071 421	02/1983	Europe	G07D	7/00	N/A
	B2	EP 0 077 464	04/1983	Europe	G03H	1/08	Yes (see C36 below)
	B3	EP 0 083 062	07/1983	Europe	G07D	7/00	N/A
	B4	EP 0 101 115	02/1984	Europe	G07D	7/00	N/A
	B5	EP 0 109 743	05/1984	Europe	G07D	1/00	N/A
	B6	EP 0 185 200	06/1986	Europe	G06F	3/14	N/A
	B7	EP 0 253 935	01/1988	Europe	G06K	7/10	N/A
	B8	EP 0 325 364	07/1989	Europe	H04N	1/46	N/A
	B9	EP 0 338 123	10/1989	Europe	G07D	7/00	Abstract Only
	B10	EP 0 342 647	11/1989	Europe	G07D	7/00	Yes (see C37 below)
	B11	EP 0 402 627	12/1990	Europe	H01R	17/12	N/A
	B12	EP 0 548 142 B2	09/1999	Europe	G06K	19/16	N/A
	B13	EP 0 578 875	01/1994	Europe	G06F	15/68	N/A
	B14	EP 0 583 526	02/1994	Europe	G06K	7/00	N/A
	B15	EP 0 583 723	02/1994	Europe	G06K	7/00	N/A
	B16	EP 0 612 042 A3	08/1994	Europe	G07D	7/00	N/A
	B17	EP 0 612 042 B1	06/1998	Europe	G07D	7/00	N/A
	B18	EP 0 613 107	08/1994	Europe	G07F	19/00	N/A
	B19	EP 0 633 552	01/1995	Europe	G07C	5/00	Abstract Only
<i>AT</i>	B20	EP 0 633 553	02/1995	Europe	G07D	7/00	N/A

EXAMINER <i>April Taylor</i>	DATE CONSIDERED <i>5/14/01</i>
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FOREIGN PATENT DOCUMENTS

Examiner Initial	Ref.	Document Number	Date	Country	Class	Sub-Class	Translation Yes/No
<i>AT</i>	B21	EP 0 671 696	09/1995	Europe	G06F	17/30	N/A
	B22	EP 0 686 292 B1	07/2000	Europe	G07D	7/00	N/A
	B23	EP 0 708 419 B1	01/2000	Europe	G07D	7/00	Claims
	B24	EP 0 718 809 A2	06/1996	Europe	G07D	7/00	N/A
	B25	EP 0 760 987 B1	09/2000	Europe	G07D	7/00	Claims
	B26	EP 0 824 736 B1	03/2000	Europe	G07D	7/00	Claims
	B27	WO 90/07165	06/1990	International	G07D	7/00	
	B28	WO 91/11778	08/1991	International	G06K	9/00	
	B29	WO 92/14221	08/1992	International	G07D	7/00	Abstract
	B30	WO 92/17394	10/1992	International	B65H	3/06	
	B31	WO 93/23824	11/1993	International	G06K	9/00	
	B32	WO 94/16412	07/1994	International	G07D	7/00	
	B33	WO 94/19773	09/1994	International	G07D	7/00	
	B34	WO 95/19019	07/1995	International	G07D	7/00	
	B35	WO 95/24691	03/1995	International	G06K	9/00	
	B36	WO 96/10800	09/1995	International	G06K	9/00	
	B37	WO 96/36933	11/1996	International	G06K	9/00	
	B38	WO 97/29459	08/1997	International	G07D	7/00	
	B39	WO 97/30422	08/1997	International	G07D	7/00	
	B40	WO 98/24041	06/1998	International	G06F	17/60	
	B41	WO 98/48383	10/1998	International	G07D	1/00	
<i>AT</i>	B42	WO 98/48384	10/1998	International	G07D	1/00	

EXAMINER <i>April Taylor</i>	DATE CONSIDERED <i>5/14/04</i>
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Examiner Initial	Ref.	Document Number	Date	Country	Class	Sub-Class	Translation Yes/No
A7	B43	WO 98/48385	10/1998	International	G07D	1/00	
	B44	WO 98/51082	11/1998	International	H04N	7/18	
	B45	WO 99/00776	01/1999	International	G07F	9/06	
	B46	GB 2 038 063	07/1980	U.K.	G07D	7/00	N/A
	B47	GB 2 190 996	12/1987	U.K.	G06K	5/00	N/A
	B48	GB 2 204 166	11/1988	U.K.	G06M	9/02	N/A
	B49	GB 2 272 762	05/1994	U.K.	G01N	21/88	N/A
	B50	JP 62-220843	09/1987	Japan	G01N	21/89	Yes (see C38 below)
	B51	JP 2-12492	01/1990	Japan	G07D	7/00	Yes (see C39 below)
OTHER DOCUMENTS (including author, title, date, pertinent pages, etc.)							
Examiner Initial	Ref.	Document Information					
A7	C1	AFB Currency Recognition System (1982)					
	C2	Barton, Louis L., "Check Processing Operations," Chapter 8 and Appendix 2, pp. 119-140 and 225-231 (1994)					
	C3	Brandt, Mach 7 High-Speed Coin Sorter/Counter, 2 pages (April 1, 1993)					
	C4	Brandt, Model 8904 Upfeed, High Speed 4-Denomination Currency Dispenser, 2 pages (date prior to May 1996)					
	C5	Cash Depositing System CDS 5700 and CDS 5800 (January 3, 1995)					
	C6	Cash Receipt System CRS/6501/CRS6510, IREIS (February 1995)					
	C7	Cassius Elston, "No More Lines . . . Self Serve Cash-Out," Drop Stream Developments, pp. 3-4 (date prior to May 13, 1996)					
	C8	Contomat (date prior to May 13, 1996)					
	C9	Cummins-Allison Corp., Operating Instructions for JetScan Currency Scanner/Counter, Model 4061 (April 20, 1993)					
EXAMINER <i>April Taylor</i>				DATE CONSIDERED <i>5/14/21</i>			

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U.S. PATENT DOCUMENTS								
Examiner Initial	Ref.	Document Number	Date	Name	Class	Sub-Class	Filing Date (if Application)	
OTHER DOCUMENTS (including author, title, date, pertinent pages, etc.)								
Examiner Initial	Ref.	Document Information						
<div style="font-size: 2em; font-weight: bold; margin-bottom: 10px;">A7</div> <div style="border-left: 1px solid black; height: 100%; width: 10px;"></div>	C10	Cummins-Allison Corp., Operating Instructions for JetScan Currency Scanner/Counter, Model 4062 (11/28/94)						
	C11	Cummins-Allison Corp., Operating Instructions for JetSort® High Speed Sorter/Counter (Kits I & J), 11 pages (1993)						
	C12	Cummins-Allison Corp., Operator's Manual for JetScan Currency Scanner/Counter, Model 4060 (August 1991)						
	C13	Cummins-Allison Corp., Sale of JetScan Currency Scanner/Counter, Model 4060 (August 1991)						
	C14	Cummins-Allison Corp., Sale of JetScan Currency Scanner/Counter, Model 4061 (April 20, 1993)						
	C15	Cummins-Allison Corp., Sale of JetScan Currency Scanner/Counter, Model 4062 (November 28, 1994)						
	C16	Currency Systems International, CPS 600 and CPS 900 (estimated 1994)						
	C17	Currency Systems International, Medium Speed Currency Sorting Family, CPS 600 and CPS 900, 4 pages (1994)						
	C18	Currency Systems International, Mr. W. Kranister in Conversation With Richard Haycock, pp. 1-5 (estimated 1994)						
	C19	Currency Systems International/Currency Processing Systems, CPS 300, 4 pages (1992)						
	C20	De La Rue Garmy GmbH, Cash Depositing Systems CDS 5700 and CDS 5800 (date unknown, with translation)						
	C21	Glory, General Catalog of Products, System 8000 at page 5 (1996, with translation)						
	C22	Glory, GFB-200/210/220/230, Desk-Top Bank Note Counter, 2 pages (estimated date prior to August 9, 1994)						
	C23	Glory, GSA-500 Sortmaster, 2 pages (January 14, 1994)						
	C24	Glory, The New CRS-8000 Cash Redemption System (date prior to May 13, 1996)						
	C25	Glory, UF-1D, 2 pages (estimated date prior to August 9, 1994)						
	C26	ISH I2005/500 SB-Münzähler (date prior to May 13, 1996, with translation)						
	C27	Mosler, Inc., "The Mosler/Toshiba CF-420" (1989)						
	C28	NGZ 2100 (date prior to May 13, 1996)						
	C29	PREMA 405(RE) Self Service Coin Deposit Facility (date prior to May 13, 1996)						
	C30	Scan Coin CDS 600 Cash Deposit System (June 15, 1994)						
	C31	Scan Coin CDS 640 Cash Deposit System (June 15, 1994)						
	EXAMINER <i>April Taylor</i>		DATE CONSIDERED <i>5/14/04</i>					

*Examiner: Initial if citations considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Form PTO-1449 (modified) LIST OF PRIOR ART CITED BY APPLICANT 3rd INFORMATION DISCLOSURE STATEMENT				Application No.: 09/829,724 Filing Date: April 10, 2001 First Named Inventor: John E. Jones Group Art Unit: 2876 Examiner: April A. Nowlin Attorney Docket No.: 47171-00283			
<div style="border: 1px solid black; border-radius: 50%; padding: 10px; display: inline-block; margin: 10px;"> JUL 01 2003 U.S. PATENT & TRADEMARK OFFICE </div>							
U.S. PATENT DOCUMENTS							
Examiner Initial	Ref.	Document Number	Date	Name	Class	Sub-Class	Filing Date (if Application)
OTHER DOCUMENTS (including author, title, date, pertinent pages, etc.)							
Examiner Initial	Ref.	Document Information					
<i>AN</i> <div style="border-left: 1px solid black; height: 100px; margin: 0 auto; width: 20px;"></div>	C32	Toshiba-Mosler, CF-420 (estimated 1989)					
	C33	Toshiba-Mosler, Operator's Manual for CF-420 Cash Settlement System, pp. 1-C-3 (1989)					
	C34	Toshiba-Mosler, revised drawings of portions of CF-420 Cash Management System (FIGS. A-C) and description of same (1989)					
	C35	Vector Videotape (no date)					
	C36	Translation of EP 0077464					
	C37	Translation of EP 0342647					
	C38	Translation of JP 62-220843					
<i>AN</i>	C39	Translation of JP 2-12492					

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PTO/SB/08a/b (08-03)

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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	09/829724
				Filing Date	April 10, 2001
				First Named Inventor	John E. Jones
				Art Unit	2876
				Examiner Name	A. Nowlin
Sheet	1	of	1	Attorney Docket Number	47171-00283USPT

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
AA	AA	US-4,960,981	10-02-1990	Benton et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Country Code ³ , Number ⁴ , Kind Code ⁵ (if known)				

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	April Taylor	Date Considered	5/14/06
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